

Load Cell



DigiTOL® POWERCELL®  
Vehicle Scale Load Cell



Provides Better Performance  
than Conventional Analog Load Cells

METTLER TOLEDO





Easy access to the POWERCELL load cell.

# Bottom Line – You Get More Reliable Uptime with DigiTOL POWERCELL Load Cells



External influences can wreak havoc on your vehicle scales and result in expensive downtime. Low voltage analog signals, radio frequency interference (RFI), moisture and corrosion, off-center loads, non-linearity and temperature changes all effect the accuracy and dependability of your vehicle scale load cells.

The METTLER TOLEDO POWERCELL load cell has years of proven performance and the largest installed base of heavy industrial digital load cells in the world to back it up. The result is that you have more uptime and reduced maintenance costs. Each POWERCELL load cell has built-in self-diagnostics

that constantly monitor the cell's performance and automatically correct for external factors.

The DigiTOL POWERCELL load cell has been developed to provide accurate and reliable weight every time and to withstand the effects of external factors. The chart below outlines the features we have designed into our load cells to ensure that you get the performance you expect from a METTLER TOLEDO vehicle scale.

External Affect	Solution	Proof
<b>LIGHTNING</b>	Strikeshield	<b>250,000 POWERCELL Load Cells Installed Worldwide</b>
<b>Temperature</b>	On-Board Microprocessor	
<b>TIME LOAD SEQUENCE</b>	On-Board Microprocessor	
<b>RADIO FREQUENCY INTERFERENCE</b>	Powerful Digital Signal	
<b>Corrosion</b>	Stainless Steel Hermetically Sealed Construction	
<b>Moisture</b>	Glass to Metal Connectors	

## Ease of Maintenance

When maintenance is required, the process is simplified. The indicator displays an error code that details the problem and pinpoints the cell location. Diagnosis and replacement, if necessary, is quick; cables are removable so there is no need to replace them. Test weights aren't always necessary because of calibration constants, and your vehicle scale is back in service before you know it.

## ISO 9001

This product was developed, produced and tested in a METTLER TOLEDO facility that has been audited and registered according to international (ISO 9001) quality standards.

## Proven Performance

Capacities are 22.5 metric tonnes/50,000 lb, 45 metric tonnes/100,000 lb, and 90 metric tonnes/200,000 lb. Over 250,000 POWERCELL load cells are in use worldwide. This represents the largest installed base of digital heavy industrial load cells in the world.



## Approvals

POWERCELL load cells have received worldwide approvals. In the U.S. Certificate of Conformance Number 88-091 was issued under the National Type Evaluation Program (NTEP). Test Certificate TC2149 was issued by the European Community, and S252A in Australia. Also Ex-94.C.101 (Issued by CESI). Approved by Factory Mutual under FM Project Number OV4A2.AX.



For more information on the POWERCELL load cell, call your nearest METTLER TOLEDO office or nearest authorized distributor. Or visit our web site: [www.mt.com](http://www.mt.com).

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